Testbed Smart Mobility Live in Leuven

The need for smart mobility as a creative solution (T!NC)

- Existing mobility problems:
  - Congestion (queues, travel time losses, ...).
  - Damage to the environment (noise, emissions, fuel consumption, ...).
  - Traffic safety (accidents, rat running, ...).
  - Psychological (driver annoyance, ...).

- We created and implemented part of the solution:
  - Smart mobility by means of road charging.
  - Need for intelligence: types of roads, times of day, types of vehicles, ... 
  - Adheres to the government’s intention to assess the social-economic impact of road charging for passenger cars.

21/04/2010
Industry Showcase
Laboratory Leuven
Test Road charging
European Project

now!
future
future
Our testbed for smart mobility provides various opportunities

- Privacy & security enabled.
- Supports open technology standards:
  - GPS, banking security, (embedded) Java, ...
- Currently available services:
  - Mobility based on road pricing tolling (flexible back-end).
  - Private eCall.
  - Networked personalised information service.
- Future services:
  - Payment.
  - Parking.
  - Shared vehicle management.
  - Advanced fleet management.
  - Custom personalised services.
  - ...